Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 16 Jul 2021 until 23:59 on Saturday 17 Jul 2021

Forecast Issued on Friday 16 Jul 2021 at 03:55

Confidence: High for the continuation of the settled conditions and the warmer trend, low for cloud amounts, distribution and intensity of any showers on Monday and Tuesday.

Headline for Friday 16 Jul 2021: A chance of patchy low cloud at first, very warm and sunny otherwise.

Mountain weather hazards on Friday 16 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny	Clear night
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Friday 16 Jul 2021

Weather: A fine and dry day with plenty of strong sunshine but perhaps a few patches of low cloud across the Yorkshire Dales at first, these dissipating very quickly. Very warm otherwise, particularly in sheltered valleys where winds are expected to be lighter.

Chance of cloud free mountain/hill tops above 600m: 90% initially but quickly increasing to 100%.

Visibility: Mediocre initially in the west, with mist or haze, better visibility in the east, and anywhere has a chance of some patches of cloud around 300m. Soon improving to very good everywhere this morning, with distant hills becoming clearly visible all around and for much of today.

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Forecast for Friday 16 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/14 N	10/13 NW	10/14 NW	10/14 NW	9/13 NW	6/16 N	5/11 N
300	4/11 NW	7/12 NW	8/14 NW	8/13 NW	8/14 NW	8/15 NW	7/10 N
Valley	1/5 E	5/10 NW	9/15 NW	8/14 NW	8/15 NW	6/16 N	3/6 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	16/15	18/17	19/18	19/18	16/15	15/14
300	15/15	20/19	22/21	23/22	22/21	17/16	16/15
Valley	14/14	21/21	23/22	23/23	22/22	18/18	15/15
Freezing Level*	3100m	3000m	3000m	3100m	3200m	3200m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another warm day with light winds and very strong sunshine. Reaching 25C in some valleys. Sun protection and staying well hydrated strongly advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 16 Jul 2021	0mm	0mm	0mm

Forecast for Saturday 17 Jul 2021

Weather: Any early valley mist or patchy low cloud soon clearing. Then dry with strong sunshine, and slightly warmer than today, especially across eastern areas. Becoming locally hot here in the valleys.

Maximum wind: Westerly 15 mph gusts 25 mph.

Chance of cloud free mountain/hill tops above 600m: >95% all day

Visibility: Mist and a few fog patches may reduce visibility around dawn, particularly in the northwest of the Park, but very good otherwise, with distant hills clearly visible.

Temperature: **Valleys:** Plus 16 becoming plus 28 Celsius
At 600m: Plus 14 becoming plus 21 Celsius
Freezing level: Above summits

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